

# Georgia

## Science and Engineering Profile

	STATE	U.S.	Rank		STATE	U.S.	Rank
Doctoral scientists, 1995	9,300	453,928	16	Total R&D performance, 1995 (millions)	\$2,113	\$177,210	23
Doctoral engineers, 1995	1,154	86,738	23	Industry R&D, 1995 (millions)	\$1,175	\$130,332	22
S&E doctorates awarded, 1996	599	27,230	15	Academic R&D, 1996 (millions)	\$710	\$22,481	10
of which, in engineering	29%	23%		of which, in life sciences	50%	56%	
in life sciences	27%	25%		in engineering	25%	16%	
in psychology	15%	13%		in physical sciences	7%	10%	
S&E postdoctorates, 1996	588	37,019	21	Higher education current-fund expenditures, 1995 (millions)	\$4,527	\$182,602	11
in doctorate-granting institutions							
S&E graduate students, 1996	8,874	430,631	17	Number of SBIR awards, 1990-1997	235	31,155	26
in doctorate-granting institutions				Patents issued to state residents, 1997	966	61,699	20
Population, 1997 (000s)	7,486	271,464	10	Gross state product, 1996 (billions)	\$216.0	\$7,677.4	10
Civilian labor force, 1997 (000s)	3,907	137,564	10	of which, agriculture	2%	2%	
Personal income per capita, 1997	\$24,061	\$25,598	26	manufacturing, mining, construction	22%	23%	
Federal spending				transportation, communication, utilities	11%	8%	
Total expenditures, 1997 (millions)	\$35,778	\$1,405,060	13	wholesale and retail trade	18%	16%	
R&D obligations, 1996 (millions)	\$4,137	\$66,087	4	finance, insurance, real estate	16%	19%	
				services	18%	20%	
				government	13%	12%	

Rankings and totals are based on data for the 50 states, D.C., and Puerto Rico.

Data on S&E postdoctorates and S&E graduate students include health fields.

## Federal Obligations for Research and Development by Agency and Performer: Fiscal Year 1996

[Thousands of Dollars]

	Total	Federal Intramural	All FFRDCs	Industrial firms	Universities & Colleges	Other nonprofits	State & local government	State rank
<b>Total, all agencies</b>	4,136,517	246,737	0	3,659,788	218,994	7,772	3,226	4
<b>Department of Agriculture</b>	45,544	34,655	0	0	10,730	0	159	6
<b>Department of Commerce</b>	1,289	285	0	0	702	292	10	35
<b>Department of Defense</b>	3,704,745	19,703	0	3,644,918	36,174	3,950	0	2
<b>Department of Energy</b>	9,276	0	0	0	8,712	564	0	31
<b>Dept. of Health &amp; Human Services</b>	291,688	172,175	0	1,444	116,043	1,849	177	10
<b>Department of Interior</b>	6,194	5,822	0	0	372	0	0	20
<b>Department of Transportation</b>	4,381	40	0	2,467	610	0	1,264	24
<b>Environmental Protection Agency</b>	13,829	9,502	0	939	3,388	0	0	11
<b>Nat'l Aeronautics &amp; Space Admin.</b>	26,090	4,555	0	8,654	12,125	756	0	21
<b>National Science Foundation</b>	33,481	0	0	1,366	30,138	361	1,616	21
<b>State rank</b>	4	13	na	2	17	31	15	

Federal R&D obligations are as reported by funding agencies.

FFRDC = federally funded research and development center

SBIR = small business innovation research

na = not applicable